IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Application of: B.A. Ozenberger et al.

Group Art Unit.:

Not Yet Assigned

Serial No.:

Not Yet Assigned

Examiner:

Not Yet Assigned

Docket No.:

AHP-98126 P1

Filed:

May 9, 2001

For:

"β-Amyloid Peptide Binding Proteins and Polynucleotides

Encoding the Same"

Madison, NJ 07940 May 9, 2001

Assistant Commissioner of Patents Washington, DC 20231

Sir:

STATEMENT UNDER 37 C.F.R. §1.821(f)

I hereby certify that the content of the paper copy required by 37 C.F.R. §1.821(c) and the computer readable form of the Sequence Listings required by 37 C.F.R. §1.821(e) for the abovecaptioned patent application are the same.

Respectfully submitted,

Gavin T. Bogle

Attorney for Applicants See attached certificate

Address: American Home Products Corporation

5 Giralda Farms

Madison, New Jersey 07940

Tel: (617) 665-8079

SEQUENCE LISTING

<110> American Home Products															
<120> Beta-amyloid Peptide-Binding Proteins and Polynucleotides Encoding the Same	i														
<130> AHP981261p2															
<150> US 09/172,990 <151> 1998-10-14	·														
<150> US 60/104,104 <151> 1998-10-13															
<150> PTC/US99/21621 <151> 1999-10-13															
<150> US 09/060,609 <151> 1998-04-15															
<150> US 60/064,583 <151> 1997-04-16															
<160> 2															
<170> PatentIn version 3.0															
<210> 1 <211> 810 <212> DNA <213> Homo sapiens															
<220> <221> CDS															
<222> (1)(807)															
<400> 1 atg cat att tta aaa ggg tct ccc aat gtg att cca cgg gct cac ggg 8	1														
Met His Ile Leu Lys Gly Ser Pro Asn Val Ile Pro Arg Ala His Gly															
1 5 10 15															
cag aag aac acg cga aga gac gga act ggc ctc tat cct atg cga ggt 5)														
Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly															
20 25 30															



_	ttt	aag	aac	ctc	gcc	ctg	ttg	ccc	ttc	tcc	ctc	ccg	ctc	ctg	ggc	14
4 Pro	Phe	Lys	Asn	Leu	Ala	Leu	Leu	Pro	Phe	Ser	Leu	Pro	Leu	Leu	Gly	
		35					40					45				
																1.0
2		gga														19
Gly	Gly	Gly	Ser	Gly	Ser	Gly	Glu	Lys	Val	Ser	Val	Ser	Lys	Met	Ala	
	50					55					60					
acc	acc	tgg	cca	tct	aat	cca	tct	act	cca	gag	acc	ata	acq	acc	aga	24
Ō	_	_														
	Ата	Trp	Pro	ser		Pro	ser	Ald	PIO		АІА	Val	TIIT	на		
65					70					75					80	
ctc	gtt	ggt	gtc	ctg	tgg	ttc	gtc	tca	gtc	act	aca	gga	ccc	tgg	ggg	28
8 Leu	Val	Gly	Val	Leu	Trp	Phe	Val	Ser	Val	Thr	Thr	Gly	Pro	Trp	Gly	
		· 1		85	-				90			_		95		
				0.5					,,,					,		
gct	gtt	gcc	acc	tcc	gcc	ggg	ggc	gag	gag	tcg	ctt	aag	tgc	gag	gac	33
Ala	Val	Ala	Thr	Ser	Ala	Gly	Gly	Glu	Glu	Ser	Leu	Lys	Cys	Glu	Asp	
			100					105					110			
ctc 4	aaa	gtg	gga	caa	tat	att	tgt	aaa	gat	сса	aaa	ata	aat	gac	gct	38
Leu	Lys	Val	Gly	Gln	Tyr	Ile	Cys	Lys	Asp	Pro	Lys	Ile	Asn	Asp	Ala	
		115					120					125				
						11-						~~+	44.0	+	+~+	43
2		gaa														43
Thr	Gln	Glu	Pro	Val	Asn	Cys	Thr	Asn	Tyr	Thr	Ala	His	Val	Ser	Cys	
	130					135					140					
+++	cca	gca	CCC	aac	ata	act	tat	aao	gat	tcc	aσt	aac	aat	gaa	aca	48
0		Ala														
- 110	0						-1-	-1-				1				

145					150					155					160	
_											ccc					52
8 His	Phe	Thr	Gly	Asn	Glu	Val	Gly	Phe	Phe	Lys	Pro	Ile	Ser	Cys	Arg	
				165					170					175		
_	gta	aat	ggc	tat	tcc	tac	aaa	gtg	gca	gtc	gca	ttg	tct	ctt	ttt	57
6 Asn	Val	Asn	Gly	Tyr	Ser	Tyr	Lys	Val	Ala	Val	Ala	Leu	Ser	Leu	Phe	
		•	180					185					190			
ctt	gga	tgg	ttg	gga	gca	gat	cga	ttt	tac	ctt	gga	tac	cct	gct	ttg	62
_											Gly					
	1	195		_			200					205				
										+~+	~~ ~	2++	aaa	arc	cta	67
_											gga					
Gly	Leu	Leu	Lys	Phe	Cys	Thr	Val	Gly	Phe	Cys		TTE	СТУ	ser	Leu	
	210					215					220					
att	gat	ttc	att:	ctt	. att	. tca	atg	cag	att	gtt	gga:	cct	tca	. gat	gga	72
0 Ile	Asp	Phe	· Ile	Leu	ılle	. Ser	Met	Gln	Ile	. Val	Gly	Pro	Ser	Asp	Gly	
225					230					235					240	
aαt	. aqt	tac	att	: ata	ı gat	tac	: tat	gga	a acc	c aga	a ctt	. aca	aga	a ctg	g agt	76
^															ı Ser	
201	,	1		245					250					255		
																0.1
_	: act	aat	c gaa	a aca	a tti	t aga	a aaa	a acq	g caa	a tta	a tat	cca	a ta	a		81
0 Ile	e Thi	r Ası	n Gli	ı Th	r Phe	e Aro	g Ly:	s Thi	r Gl	n Lei	u Ty	r Pro)			
			26	0				26	5							



<210> 2

<211> 269

<212> PRT

<213> Homo sapiens

<400> 2

Met His Ile Leu Lys Gly Ser Pro Asn Val Ile Pro Arg Ala His Gly
1 10 15

Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly 20 25 30

Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly 35

Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala 50 55

Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg
65 70 75

Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly 85 90 95

Ala Val Ala Thr Ser Ala Gly Gly Glu Glu Ser Leu Lys Cys Glu Asp 100 105 110

Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala 115 120 125

Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys 130 135

Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr 145 150 155 160

His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg 165 170 175



Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe 180 180

Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu 195 200 205

Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu 210 215

Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly 225 230 230

Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser 245

Ile Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro 260